

SEQUENCE LISTING

<110> KIRIN BEER KABUSHIKI KAISHA

<120> ANTI FGF-23 ANTIBODY

<130> PH-1707-PCT

<140>

<141>

<150>JP2001/401689

<151>2001-12-28

<150>JP2002/262020

<151>2002-09-06

<160> 36

<170> PatentIn Ver. 2.0

<210> 1

<211> 251

<212> PRT

<213> Homo sapiens

<400> 1

Met Leu Gly Ala Arg Leu Arg Leu Trp Val Cys Ala Leu Cys Ser Val

1

5

10

15

Cys Ser Met Ser Val Leu Arg Ala Tyr Pro Asn Ala Ser Pro Leu Leu

20 25 30

Gly Ser Ser Trp Gly Gly Leu Ile His Leu Tyr Thr Ala Thr Ala Arg
35 40 45

Asn Ser Tyr His Leu Gln Ile His Lys Asn Gly His Val Asp Gly Ala
50 55 60

Pro His Gln Thr Ile Tyr Ser Ala Leu Met Ile Arg Ser Glu Asp Ala
65 70 75 80

Gly Phe Val Val Ile Thr Gly Val Met Ser Arg Arg Tyr Leu Cys Met
85 90 95

Asp Phe Arg Gly Asn Ile Phe Gly Ser His Tyr Phe Asp Pro Glu Asn
100 105 110

Cys Arg Phe Gln His Gln Thr Leu Glu Asn Gly Tyr Asp Val Tyr His
115 120 125

Ser Pro Gln Tyr His Phe Leu Val Ser Leu Gly Arg Ala Lys Arg Ala
130 135 140

Phe Leu Pro Gly Met Asn Pro Pro Pro Tyr Ser Gln Phe Leu Ser Arg
145 150 155 160

Arg Asn Glu Ile Pro Leu Ile His Phe Asn Thr Pro Ile Pro Arg Arg
165 170 175

His Thr Arg Ser Ala Glu Asp Asp Ser Glu Arg Asp Pro Leu Asn Val
180 185 190

Leu Lys Pro Arg Ala Arg Met Thr Pro Ala Pro Ala Ser Cys Ser Gln

195

200

205

Glu Leu Pro Ser Ala Glu Asp Asn Ser Pro Met Ala Ser Asp Pro Leu

210

215

220

Gly Val Val Arg Gly Gly Arg Val Asn Thr His Ala Gly Gly Thr Gly

225

230

235

240

Pro Glu Gly Cys Arg Pro Phe Ala Lys Phe Ile

245

250

<210> 2

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic DNA

<400> 2

ccggaattca gccactcaga gcagggcacg

30

<210> 3

<211> 52

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic DNA

<400> 3

ataagaatgc ggccgctcaa tggtatggt gatgatggat gaacttggcg aa 52

<210> 4

<211> 34

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic DNA

<400> 4

ataagaatgc ggccgctcag atgaacttgg cgaa 34

<210> 5

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic DNA

<400> 5

ataccacggc agcacaccca gagcgccgag 30

<210> 6

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic DNA

<400> 6

ctcggcgctc tgggtgtgct gccgtggat

30

<210> 7

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic DNA

<400> 7

atgaattcca ccatgttggg ggcccgccctc agg

33

<210> 8

<211> 49

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic DNA

<400> 8

atgcggccgc ctaatgatga tcatgtatgtat ggtatgaactt ggcgaagg

49

<210> 9

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic peptide

<400> 9

Tyr Pro Asn Ala Ser Pro Leu Leu Gly Ser Ser Trp Gly Gly Leu Cys
1 5 10 15

<210> 10

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic peptide

<400> 10

Arg Asn Ser Tyr His Leu Gln Ile His Lys Asn Gly His Val Asp Gly
1 5 10 15

Ala Pro His Gln Cys

20

<210> 11

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic peptide

<400> 11

Arg Phe Gln His Gln Thr Leu Glu Asn Gly Tyr Asp Val Tyr His Ser
1 5 10 15

Pro Gln Tyr His Cys

20

<210> 12

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic peptide

<400> 12

Gly Met Asn Pro Pro Pro Tyr Ser Gln Phe Leu Ser Arg Arg Asn Glu
1 5 10 15
Cys

<210> 13

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic peptide

<400> 13

Cys Asn Thr Pro Ile Pro Arg Arg His Thr Arg

1

5

10

<210> 14

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic peptide

<400> 14

Pro Arg Arg His Thr Arg Ser Ala Glu Asp Asp Ser Glu Arg Cys

1

5

10

15

<210> 15

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic peptide

<400> 15

Ser Ala Glu Asp Asp Ser Glu Arg Asp Pro Leu Asn Val Leu Lys Cys

1

5

10

15

<210> 16

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic peptide

<400> 16

Leu Pro Ser Ala Glu Asp Asn Ser Pro Met Ala Ser Asp Cys

1

5

10

<210> 17

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic peptide

<400> 17

Gly Gly Thr Gly Pro Glu Gly Cys Arg Pro Phe Ala Lys Phe Ile

1

5

10

15

<210> 18

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic peptide

<400> 18

Gly Leu Ile His Leu Tyr Thr Ala Thr Ala Arg Asn Ser Cys

1

5

10

<210> 19

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic peptide

<400> 19

Thr Ile Tyr Ser Ala Leu Met Ile Arg Ser Glu Asp Ala Gly Phe Val

1

5

10

15

Val Ile Thr Gly Val Met Ser Arg Arg Tyr Leu Cys

20

25

<210> 20

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic peptide

<400> 20

Met Asp Phe Arg Gly Asn Ile Phe Gly Ser His Tyr Phe Asp Pro Glu

1

5

10

15

Asn Cys

<210> 21

<211> 23

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic peptide

<400> 21

Ser Pro Gln Tyr His Phe Leu Val Ser Leu Gly Arg Ala Lys Arg Ala

1

5

10

15

Phe Leu Pro Gly Met Asn Cys

20

<210> 22

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic peptide

<400> 22

Arg Asn Glu Ile Pro Leu Ile His Phe Asn Thr Pro Ile Cys

1

5

10

<210> 23

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic peptide

<400> 23

Ala Arg Met Thr Pro Ala Pro Ala Ser Cys Ser Gln Glu Leu Pro Ser

1

5

10

15

<210> 24

<211> 24

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic peptide

<400> 24

Ser Asp Pro Leu Gly Val Val Arg Gly Gly Arg Val Asn Thr His Ala
1 5 10 15

Gly Gly Thr Gly Pro Glu Gly Cys
20

<210> 25

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic DNA

<400> 25

attagccact cagtgcgtgc caatg 25

<210> 26

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic DNA

<400> 26

gcagcctggc ctggggacct a

21

<210> 27

<211> 35

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic DNA

<400> 27

ggaattccac catgctaggg acctgcctta gactc

35

<210> 28

<211> 43

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic DNA

<400> 28

atagtttagc ggccgcctag acgaacctgg gaaaggggcg aca

43

<210> 29

<211> 35

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic DNA

<400> 29

ttcgcccacg gcaacacacg caaagcgccg aggac 35

<210> 30

<211> 35

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic DNA

<400> 30

gtcctcgcg cttgcgtgt gttgccgtgg gcgaa 35

<210> 31

<211> 4

<212> PRT

<213> Homo sapiens

<400> 31

Arg His Thr Arg

1

<210> 32

<211> 13

<212> PRT

<213> Mus musculus

<400> 32

Leu Ala Leu Pro Ala His His Asn Ala Thr Arg Leu Cys

1

5

10

<210> 33

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic DNA

<400> 33

cagacagaga catccgtgta g

21

<210> 34

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic DNA

<400> 34

ccacatggtc caggttca g t

21

<210> 35

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic DNA

<400> 35

accacagtc atgccccatcac

20

<210> 36

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic DNA

<400> 36

tccaccaccc tggcgctgtta

20